



- 7 BUILT TO ROHS COMPLIANCE AND LEAD FREE WHERE SHOWN
- IF APPLICABLE, MARK PART NUMBER AND REVISION
- 6 APPLY EPOXY 2 PARTS
- 5 REMOVE INSULATION AND SOLDER TO BOBBIN LEADS
- 4 WIND BOTH COILS EVENLY SPACED CONSTRUCTION:

WEIGHT: ~ 20 GRAMS

OPERATING TEMP. RANGE = -40°C TO +125°C

|Z| = 5.5KΩ TYP. @ SRF

INTERWINDING CAPACITANCE = 23pF TYP.

LEAKAGE INDUCTANCE = 73uH

SRF = 6.75MHz TYP.

HI-POT TEST FOR INTERWINDING ISOLATION = 1250VDC

MAX. TEMP RISE AT RATED CURRENT = 20°C

RATED CURRENT = 2.8 AMPS AC MAX

DCR = 88 MILLI-OHMS MAX. PER WINDING

L = 7.0 mH MIN. ±25% @ 1kHz, 250Vrms

3 SPECIFICATIONS @ 25°C

WIRE: UL RECOGNIZED 155°C OR 200°C RATED MAGNET WIRE

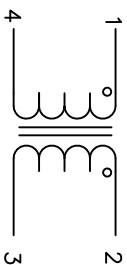
CWS BYTEMARK OR OTHER APPROVED PART

CORE: COATED FERRITE TOROID, HIGH PERM MNZN

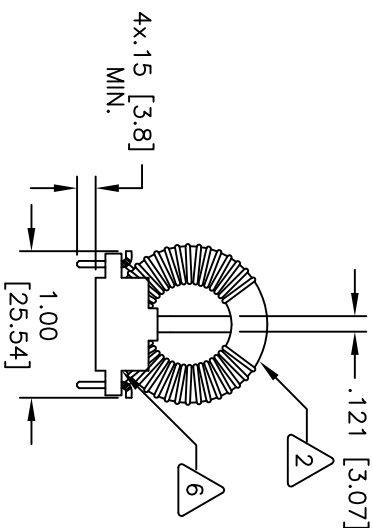
2 RATING CLASS B (130°C) REQUIRED

1. MATERIAL: UL RECOGNIZED 94V-0 FLAMMABILITY FOR BOBBIN

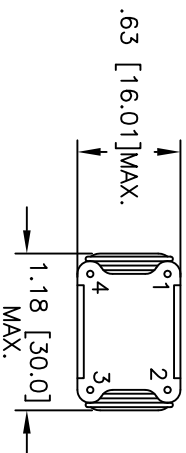
NOTES: UNLESS OTHERWISE SPECIFIED. READ FROM BOTTOM UP.



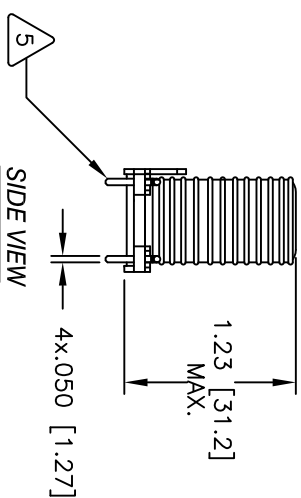
SCHEMATIC



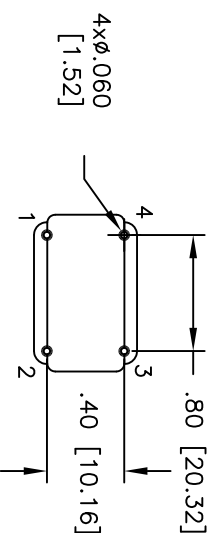
FRONT VIEW



BOTTOM VIEW



SIDE VIEW



MOUNTING HOLES PATTERN

REVISION HISTORY					
REV	ECN	DESCRIPTION	BY	DATE	CHK
A		PRODUCTION RELEASE	TN	2/20/18	TN

CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				
AUTOCAD				
SOLIDWORKS				
SIGN				
DATE				
DRAWN				
TN				
2/20/18				
CHECKED				
JL				
2/20/18				
ENGR.				
JM				
2/20/18				
APPR.				
JL				
2/20/18				
DO NOT SCALE DRAWING				
TITLE:				
Common Mode Line Chokes				
7.0mH MIN., 2.8 Amp				
SIZE				
B				
PM-12-702U-2.8A				
REV				
A				